## THE MERCK INDEX

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## THIRTEENTH EDITION

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E EDITION

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Dis. 1986, 19. Review of analytical methods: K. I. Harradine et al. in Comprehensive Analytical Profiles of Important Pesticides, I. Sherma, T. Cairns, Eds. (CRC Press, Boca Raton, 1993) pp 43-57.

White crystalline solid, up 111°.  $d^{24}$  1.29. Log P (octanol) value  $(27^{\circ}, 22 \times 10^{\circ}, 24 \times 10^{\circ}, 24 \times 10^{\circ})$  at  $(27^{\circ}, 27 \times 10^{\circ}, 24 \times 10^{\circ}, 24 \times 10^{\circ})$  at  $(27^{\circ}, 27^{\circ}, 27 \times 10^{\circ}, 24 \times 10^{\circ}, 24 \times 10^{\circ})$  at  $(27^{\circ}, 27^{\circ}, 27^{\circ$ 

4701. Hexadecyl 3-Hydroxy-2-naphthoate. [531-84-0]
3-Hydroxy-2-naphthalenearhoxylia eadt hexadecyl easte. C<sub>37</sub>
H<sub>20</sub>O<sub>3</sub>; mol wt 412.60. C 78.60%, H 9.77%, O 11.63%. Prepd
by the action of 3-hydroxy-2-naphthoyl chloride on cetyl alc.
Oshima, Hayashi, J. Soc. Chem. Ind. Japan 44, 821 (1941).

Greenish-white, flaky crystals, mp 72-73°. Soluble in benzene, glacial acetic acid, petr ether. Sparingly sol in cold alcohol. Insol in water.

USE: As waterproofing agent for rayon.

4702. Hexadimethrine Bromide. [28728-55-4] N.N.N'.
N'-Tetramethyl-1,6-hexanediamine polymer with 1,3-dibromopropane, polymer of N.N.N'.N'-tetramethylacendyamine and trimethylene bromide; polyN.N'.N'. excuratelylacendynethylacendy-tetramethylacendy-tetramethylacendy-N-trimethylene-texamethylacendiammoniam dihromidely, polybrene, (C.H.BaBa, N.). Toxicity study. Kimura et al., Toxicol. Appl. Pahramocal. 1, 185 (1959).

White, hygroscopic, amorphous polymer. Soluble in water up to 10%, pH of 1% saline soln 5-9. Stable in soln and when autoclaved. Polymers with mol wt of 5000-10,000 have LD<sub>20</sub> i.v. in mice: 25-40 mg/kg (Kimura). THERAP CAT: Heparin antagonist.

4793. Heraflumuron. [86479-66-3] M(II]5.-Dichloroschov), heraflumiocarboxyl)-2.6-diffuoroberzamide; 1-[3.-5:dichloro-4(1,1.2)-estenfluroschov), herafluroschov), herafluroschov)

Prot. Conf. - Pests Dis. 1986, 907; vs subterranean termin, N.-Y. Su, J. Econ. Entomol. 87, 389 (1994).

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White solid, mp 197-199°. Soly in water (23°): 0.7  $_{\rm log}$ 1 vapor pressure (298° K):  $5.87 \times 10^{-9}$ . USE: Insecticide.

4704. Headling renium Bromide. Bl. 75-22.] Miras. Mr. dozorowy de Mr. dozorowy de Mr. Mr. Nr. de renneuthy de Sancandonie bezamethy dende Renneuthy de Sancandonie bromide; bezamethy dende Renneuthy de Bourny Humanie bromide; Mylason. C., 411, 26, 24, 75. mol vet of Col. C. G. Santonie bromide; Mylason. C., 411, 26, 24, 75. mol vet of Col. C. G. Santonie bromide; Mylason. C., 411, 26, 24, 75. mol vet of Col. C. G. Santonie bromide; Mylason. C., 411, 26, 24, 75. mol vet of Col. C. G. Santonie bromide; Mylason. C., 411, 26, 24, 75. mol vet of Col. C. G. Santonie bromide; Mylason. C. G. Santonie bromide; Mylason. C. G. Santonie bromide; M. Santonie bromide

Crystals from n-propanol, mp 188-189°.

THERAP CAT: Succinylcholine synergist.

4705. Hexafluorobenzene. [392-56-3] Parfluorobenzene. C.F.s. mol wt 186.05. C 38.73%, F 61.27%. Prepr. E.J. McBee et al., Ind. Eng. Chem. 39, 736 (1497), I.A. Codafad., Nature 178, 199 (1956). Toxicology. C F. B. Nacidology 39, 317 (1986). Mechanistic study of matchinismation: I. M. C. M. Rietjens, J. Vervoort, Chem. Res. Traiding. 10, 100 (1952).

mp -13 to  $-11^{\circ}$ . bp<sub>143</sub> 81.0-82.0° (McBee); also reported bp 80° (Godsell).  $n_0^{20}$  1.3760;  $n_0^{18}$  1.3746.  $d_0^{45}$  1.612. USE: Solvent; intermediate in chemical synthesis.

4766. Hexalure. (2319:24-9) (2)-7-Readesen-1-d au ruic ede-7-thordecenty acessite: ed-1-sectiony-7-hexadesen hexalene. C.4H., O.5. mol wr 282-46. C 76-596, H 1218-3.

Symbol et al. (2018) (20

Clear oily liquid,  $bp_{0.001}$  100-104°.  $n_{20}^{45}$  1.4484. Insel awar Sol in hexane, ether, acetone, benzene.  $LD_{00}$  in rats (rest) >34600 orally; in rabbits (mg/kg): >2025 dermally (Berel USE: Insect attractant)